

ABSTRACT

A communication system that enables an operator to remotely query and control the process sections in an industrial plant by exchanging data with a central computer that controls the process sections. The operator communicates with the process sections through a mobile wireless device remotely connected with one of the multiple wireless access points on a data network. This data network is, in turn, connected to the central computer that controls these process sections. The central computer stores the location of the process sections and the operator profiles. When requested, it collates and processes this data and presents it to the operator. Further, if the need arises, the central computer tracks and interacts with the operator.